

ABSTRACT OF THE DISCLOSURE

A light weight high performance vessel, e.g., tank and method of making same which is produced primarily from reinforced plastic composite materials. The vessel can be used for the containment of liquids or pressurized gases. The tank is comprised of an inner shell which is split to remove a mandrel on which it is formed and to install components in the inner shell. The inner shell pieces are then secured together by means of a joinder ring. An outer shell is then formed around and completely encapsulates the inner shell. There is also no need for the employment of an inner liner although one can be used.

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